

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1274383

Luminaire Tested: P3AS17R309830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274383
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

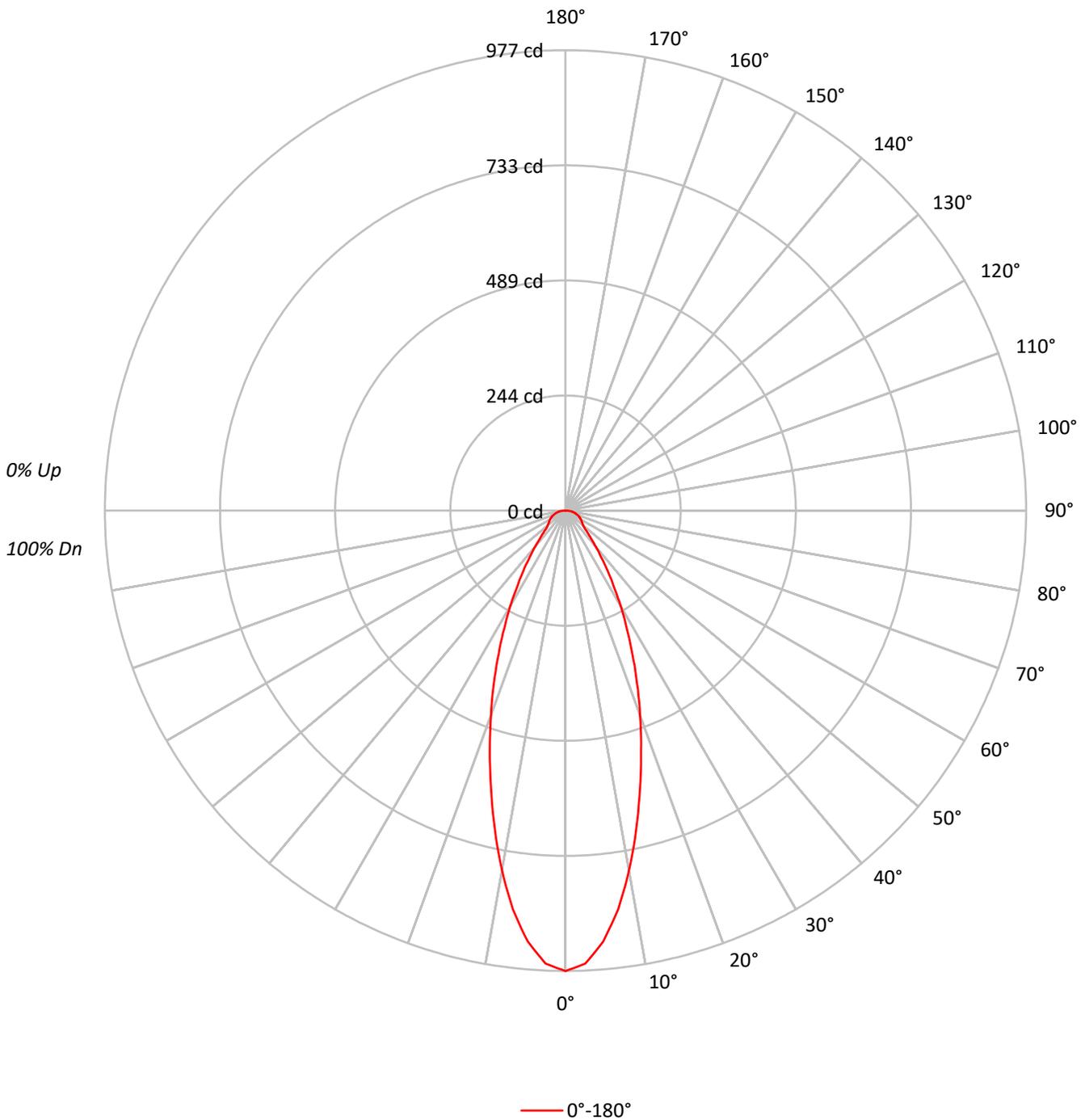
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 660.0 lumens
Efficiency: N/A
Efficacy: 32.4 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59				59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55				55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51				51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214281
5°	202069
10°	172720
15°	138412
20°	107903
25°	81126
30°	59174
35°	41706
40°	28596
45°	20498
50°	16750
55°	16171
60°	16358
65°	16707
70°	17375
75°	18639
80°	19194
85°	21386

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 22680 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	12.6
10°-20°	169.4	25.7
20°-30°	154.4	23.4
30°-40°	98.2	14.9
40°-50°	52.6	8.0
50°-60°	38.4	5.8
60°-70°	32.3	4.9
70°-80°	22.6	3.4
80°-90°	9.0	1.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	406.8	61.6
0°-40°	505.1	76.5
0°-60°	596.1	90.3
0°-90°	660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	660.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	977	
5°	918	83
15°	610	169
25°	335	154
35°	156	98
45°	66	53
55°	42	38
65°	32	32
75°	22	23
85°	8	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	977.2
2.5°	962.0
5°	918.0
7.5°	853.6
10°	775.7
12.5°	692.7
15°	609.7
17.5°	533.5
20°	462.4
22.5°	396.3
25°	335.3
27.5°	281.1
30°	233.7
32.5°	189.7
35°	155.8
37.5°	123.6
40°	99.9
42.5°	79.6
45°	66.1
47.5°	54.2
50°	49.1
52.5°	45.7
55°	42.3
57.5°	40.6
60°	37.3
62.5°	35.6
65°	32.2
67.5°	30.5
70°	27.1
72.5°	23.7
75°	22.0
77.5°	18.6
80°	15.2
82.5°	13.5
85°	8.5
87.5°	3.4
90°	0.0

(END OF REPORT)